

Amendments to the Claims:

Claims 1-20 are pending. Claims are amended as shown below. This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claim 1 (Currently Amended): An ophthalmologic image pickup system, comprising:

an image pickup device including;

image data generation means for generating image data of an eye fundus to be examined;

[[the]] device information generation means for generating [[the]] device information to identify the image pickup device; and

data output means for outputting the image data and the image pickup device information, and

an image processing device including;

data input means for inputting the image data and the image pickup device information output from the output means of the image pickup device ~~and the device information~~; ~~said data output means of the image pickup device;~~

device information determination means for determining the image pickup device based on the device information inputted through the data input means; and

image processing means for performing different image processing ~~processings~~ on the inputted image data in accordance with a determination result of the device information determination means.

Claim 2 (Original): An ophthalmologic image pickup system according to claim 1, wherein the image pickup device information includes information indicating whether or not at least one of processing for vertically reversing the image data and processing for

horizontally reversing the image data with the image processing means should be performed by the image processing apparatus.

Claim 3 (Previously Presented): An ophthalmologic image pickup system according to claim 1, wherein the image pickup device information includes information indicating whether or not the image data should be synthesized with an electronic aperture mask by means of the image processing means.

Claim 4 (Currently Amended): An ophthalmologic image pickup system, comprising:

a plurality of image pickup devices, each of which picks up an image of an eye to be examined to generate image data thereof;

device information determination means for determining ~~inputted~~ device information related to each of the plurality of image pickup device devices;

a processing table showing an image data processing method corresponding to each of the plurality of image pickup devices; and

image processing means for performing different image processing ~~processings~~ on the image data in accordance with ~~[[a]]~~ each of the plurality of determination ~~result~~ results of the device information determination means and the processing table.

Claim 5 (Original): An ophthalmologic image pickup system according to claim 4, wherein the device information includes a description of a kind of the image pickup device.

Claim 6 (Original): An ophthalmologic image pickup system according to claim 4, wherein the processing method shown in the processing table relates to whether or not at least one of the processing in which the image data is horizontally or vertically reversed should

be performed.

Claim 7 (Original): An ophthalmologic image pickup system according to claim 6, wherein the processing method shown in the processing table is whether the composition of an electric aperture mask with the image data should be performed or not.

Claim 8 (Previously Presented): An ophthalmologic image pickup system according to claim 1, wherein the device information generation means is connected with the image data generation means, and the image data generation means adds the device information generated by the device information generation means to the image data and outputs the image data to which the device information is added to the device information determination means.

Claim 9 (Previously Presented): An ophthalmologic image pickup system according to claim 1, wherein the image data and the device information are separately inputted to the device information determination means.

Claim 10 (Currently Amended): An ophthalmologic image pickup system, comprising:

an image pickup device including image data generation means for picking up an image of an eye to be examined to generate image data thereof; and

an image processing apparatus including:

image pickup information determination means for determining ~~inputted~~ image pickup information; and

image processing means for performing different image processing ~~processings~~ on the image data in accordance with a result of the image pickup information determination means.

Claim 11 (Original): An ophthalmologic image pickup system according to

claim 10, wherein the image pickup device further comprises image pickup information generation means for generating image pickup information related to an image pickup mode upon image pickup, the image pickup information generation means is connected with the image data generation means, and the image data generation means adds the image pickup information generated by the image pickup information generation means to the image data and outputs the image data to which the image pickup information is added to the image pickup information determination means.

Claim 12 (Original): An ophthalmologic image pickup system according to claim 10, wherein the image pickup mode is one of a color image pickup mode, a Fluorescein fundus angiography mode, and an Indocyanine green angiography mode.

Claim 13 (Original): An ophthalmologic image pickup system according to claim 10, wherein the different image processing include at least one of conversion of the image data into a white-and-black image, γ characteristic adjustment thereof, and contrast processing thereof when the image pickup mode is one of the Fluorescein fundus angiography mode and the Indocyanine green angiography mode.

Claim 14 (Original): An ophthalmologic image pickup system according to claim 10, wherein the image pickup device further comprises image pickup information generation means for generating image pickup information related to an image pickup mode upon image pickup, and the image data and the image pickup information are separately inputted to the image pickup information determination means.

Claim 15 (Original): An ophthalmologic image processing apparatus,
comprising:

image processing means for processing image data outputted from an

ophthalmologic image pickup device; and

device information determination means for determining device information inputted from the ophthalmologic image pickup device,

wherein the image data is processed in accordance with the determined device information.

Claim 16 (Original): An ophthalmologic image processing apparatus according to claim 15, wherein at least one of processing for vertically reversing the image data, processing for horizontally reversing the image data, and processing for synthesizing an aperture with the image data is performed in accordance with the device information.

Claim 17 (Original): An ophthalmologic image pickup device, comprising:
image data generation means for picking up an eye fundus image of an eye to be examined to generate image data thereof;

device information generation means for generating device information of the ophthalmologic image pickup device; and

output means for adding the device information to the image data and outputting the image data to which the device information is added.

Claim 18 (Previously Presented): An ophthalmologic image pickup system according to claim 2, wherein the image pickup device information includes information indicating whether or not the image data should be synthesized with an electronic aperture mask by means of the image processing means.

Claim 19 (Previously Presented): An ophthalmologic image pickup system according to claim 4, wherein the device information generation means is connected with the image data generation means, and the image data generation means adds the device information

generated by the device information generation means to the image data and outputs the image data to which the device information is added to the device information determination means.

Claim 20 (Previously Presented): An ophthalmologic image pickup system according to claim 4, wherein the image data and the device information are separately inputted to the device information determination means.